VOLUME 49, 1979 NUMBER 1-6

The Australian and New Zealand JOURNAL OF SURGERY

Published by the Royal Australasian College of Surgeons

EDITORIAL COMMITTEE

R. C. BENNETT, Editor and Chairman of Committee
WILLIAM BURNETT (Science)
J. M. HAM (Education)
A. M. CUTHBERTSON (Techniques)
ERIC M. NANSON (New Zealand)
Associate Editors
A. W. BEASLEY (Wellington, New Zealand)
GWYNNE BROCKIS (Perth)
JOHN F. FORBES (Melbourne)
BRUCE NATHANIEL GRAY (Melbourne)
J. M. LITTLE (Sydney)
JOHN LUDBROOK (Adelaide)
R. M. MITCHELL (Sydney)
A. R. MOORE (Melbourne)
JOHN P. RICHARDSON (Melbourne)
JOHN P. ROYLE (Melbourne)
SIR EVAN THOMSON (Brisbane)
N. R. WYNDHAM (Sydney)

CONTENTS

Page

EDITORAL COMMENT

MECHANICAL SUTURING *Murray T. Pheils* - - - - - - - - 1

ORTHOPAEDICS: SPECIALITIES AND REGISTRIES *J. Clarke McNeur* - 2

SPECIAL ARTICLES

SOME FEATURES OF TRAUMA IN AUSTRALIA *E. C. Wigglesworth* - 4

THE INFLUENCE OF HIP ROTATION UPON THE GAIT *Geoffry R. Fisk* - 7

ORIGINAL ARTICLES

THE MALLORY-WEISS LESION AS A CAUSE OF UPPER GASTROINTESTINAL BLEEDING *A. I. Stern, M. G. Korman, P. S. Hunt, J. Hansky, H. S. Hillman and G. T. Schmidt* - - - - - - - - - - - - - - - 13

BLEEDING STOMAL ULCERATION *P. S. Hunt, J. Dowling, M. Korman and* J. Hansky - - - - - - - - - - - - - - - 15

A REVIEW OF OBSERVATIONS ON CHRONIC GASTRIC ULCER PATIENTS IN AUSTRALIA *D. W. Piper, J. H. Thomas, M. Greig, J. Y. Kang and J. McIntosh* 19

ACUTE SUPPURATIVE CHOLECYSTITIS: A RETROSPECTIVE STUDY OF 173 CASES *K. H. Lam, John Wong, S. T. K. Lim and G. B. Ong* - - - - - 23

RETAINED GALLSTONES: THE CHOICE OF THE METHOD OF MANAGEMENT *Anton Iseli and Vernon Marshall* - - - - - - - - - - - 29

BILE DUCT INJURY DURING CHOLECYSTECTOMY: CAUSES, PREVENTION AND SURGICAL REPAIR IN 1979 *Gabriel A. Kune-* - - - - - - - 35

INTRAPANCREATIC CYSTS ASSOCIATED WITH RELAPSING PANCREATITIS *Ian C. Roberts-Thomson* - - - - - - - - - - - - 41

COLORECTAL CANCER IN NEW ZEALAND: A WELLINGTON STUDY *P. R. G. Turnbull and William H. Isbister* - - - - - - - - - - 45

COLORECTAL CANCER — EXPLICIT CRITERIA AUDITING *K. J. Goulston, Bassett and O. Dent* - - - - - - - - - - - - - - 49

LOW ANTERIOR RESECTION *Mark Killingback* - - - - - - - - 52

MORTALITY AND COMPLICATIONS OF LARGE BOWEL RESECTION FOR CARCINOMA *D. E. Theile, J. R. Cohen, J. Holt and N. C. Davis* - - - - 62

ELECTIVE RESECTION FOR DIVERTICULAR DISEASE *David Failes, Mark Killingbackm Malcolm Stuart and Catherine De Luca* - - - - - - 66

RECTAL PROLAPSE *David Failes, Mark Killingback, Malcolm Stuart and Catherine De Luca* - - - - - - - - - - - - - - - - 72

ORTHOPAEDIC PROBLEMS OF RENAL TRANSPLANTATION *J. Hulbert, J. G. Brockis, W. N. Gilmour, D. Golinger, A. K. House and A. van Merwyk-* - - - 76

INTERFERENTIAL THERAPY TO PROMOTE UNION OF MANDIBULAR FRACTURES *J. M. Ganne, B. Speculand, L. H. Mayne and A. N. Goss-* - 81

HYPERCALCAEMIA IN PAGETS DISEASE OF BONE *W. J. Gillespie* - - - 84

THE ACCESSORY SOLEUS *A. W. Beasley* - - - - - - - - - - 86

CASE REPORTS

PORTAL HYPERTENSION DUE TO ARTERIOVENOUS FISTULA OF THE GASTRODUODENAL ARTERY *Freda Meah and Osman Yahaya* - - - 89

JEJUNAL REPLACEMENT OF THE SECOND PART OF THE DUODENUM FOLLOWING SEVERE TRAUMA *Arnold Mann* - - - - - - - - 92

CONTENTS *(continued)*

CHRONIC MUCOSAL ULCERATIVE COLITIS WITH MALIGNANT LYMPHOMA: REPORT OF A CASE *J. C. M. Emanuel and William H. Isbister* - - - 95

INTRARECTAL DERMOID: REPORT OF A CASE *P. L. N. G. Rao, K. S. N. Chary and R. N. Katariya* - - - - - - - - - - - - - - - 99

CONGENITAL PSEUDARTHROSIS OF THE ULNA: A CASE REPORT *Victor Hadlow* - - - - - - - - - - - - - - - - 100

CONGENITAL ABDUCTION CONTRACTURE WITH DISLOCATION OF THE SHOULDER IN CHILDREN: REPORT OF TWO CASES *P. R. Chari, Y. Venkatesawara Rao and B. K. Rao* - - - - - - - - - - - - 105

HIP PROBLEMS IN A BATTERED CHILD: CASE REPORT *I. J. A. Macfarlane* - 107

SURGICAL TECHNIQUES

A TECHNIQUE OF ANASTOMOSING BOWEL ENDS WITH DISCREPANCY IN SIZE *Santhat Nivatvongs and Stanley M. Goldberg* - - - - - - - - 109

THE AUTOSUTURE SURGICAL STAPLING INSTRUMENTS: PRELIMARY EXPERIENCE *A. L. Polglase, E. S. R. Hughes, J. P. Masterton and B. P. Waxman* - 111

THE TECHNIQUE OF ADVANCEMENT FLAP HAEMORRHOIDECTOMY *Samuel Sakker* - - - - - - - - - - - - - - - - 116

THE USE OF METHYLMETHACRYLATE IN THE TREATMENT OF GIANT CELL TUMOURS OF THE PROXIMAL TIBIA *S. Baddeley, J. C. Cullen* - - - 120

A SIMPLIFIED SURGICAL APPROACH FOR LUMBAR DISC EXCISION *T. K. F. Taylor and M. D. Ryan* - - - - - - - - - - - - - 122

SURGICAL EDUCATION

EDUCATION *Meandros* - - - - - - - - - - - - - 125

SURGICAL TRAINING IN FRANCE *Stuart Renwick* - - - - - - - 126

SURGICAL RESEARCH

THE PROTECTIVE EFFECT OF CIMETIDINE ON STRESS-INDUCED ACUTE GASTRIC ULCERATION IN THE RAT *R. W. F. King, M. G. Korman, G. J. Taggart and J. Hansky* - - - - - - - - - - - - - 129

IN VITRO STUDIES OF GALLSTONE DISSOLUTION USING THE SCANNING ELECTRON MICROSCOPE *W. Burnett, K. R. Dwyer, C. H. L. Kennard and G. Roberts* - - - - - - - - - - - - - - - 131

A TECHNIQUE FOR THE CHRONIC STUDY IN THE HEPATIC UPTAKE AND EXCRETION OF SUBSTANCES IN THE CONSCIOUS PIG *Margaret Rose and John Ham* - - - - - - - - - - - - - - - - 134

THE EFFECTS OF EXPERIMENTAL DIVISION OF THE VASCULAR PEDICLE OF A TRANSPOSED SUBCUTANEOUS LOOP *S. T. K. Lim, J. Wong, K. H. Ham and G. B. Ong* - - - - - - - - - - - - - - - - 138

PROCEEDINGS OF THE SURGICAL RESEARCH SOCIETY OF AUSTRALASIA 145

SURGICAL HISTORY

THE COLONIAL CAREER OF JAMES PATRICK MURRAY *Ronald Elmslie* - - 154

NOTICES

GORDON CRAIG LIBRARY *Recent Acquisitions* - - - - - - - - 163

CORRIGENDUM - - - - - - - - - - - - - - - 163

BOOK REVIEWS - - - - - - - - - - - - - - 164

CONTENTS

EDITORIAL COMMENT *Page*

THE INVOLVEMENT OF THE COLLEGE IN ROAD SAFETY *A. W. Beasley* - 169

ROAD TRAUMA — TODAY AND THE FUTURE *Gordon Trinca* - - - 171

SPINAL INJURIES: AN OPPORTUNITY *G. M. Bedbrook* - - - - - - 173

ROAD TRAUMA: DATA NEEDS *E. C. Wigglesworth* - - - - - 176

SELECTION OF PATIENTS FOR VASCULAR SURGERY *J. M. Little and Michael Stephen* - - - - - - - - - - - - - - - 177

THE GORDON BELL MEMORIAL LECTURE

SCIENCE AND SURGERY *R. B. Welbourn* - - - - - - - - 179

ORIGINAL ARTICLES

THE NEED FOR EPIDEMIOLOGICAL RESEARCH IN ROAD TRAUMA *E. C. Wigglesworth* - - - - - - - - - - - - - - 187

DATA NEEDS FOR RESEARCH IN ROAD TRAUMA *E. C. Wigglesworth* - 191

GETTING THE EVIDENCE AND USING IT TO THE BEST ADVANTAGE *Gordon Trinca* - - - - - - - - - - - - - - - 196

ABDOMINAL INJURIES IN SURVIVORS OF ROAD TRAUMA BEFORE AND SINCE SEAT BELT LEGISLATION IN VICTORIA *Peter Ryan and Ralph Ragazzon* 200

PATTERN OF MOTOR CYCLE INJURIES SUSTAINED BY MOTOR CYCLISTS IN VICTORIA IN 1974 AND 1975 *G. W. Trinca and B. J. Dooley* - - - 203

PATTERN OF INJURY IN MOTOR CYCLE ACCIDENTS IN A COUNTRY AREA *Peter King* - - - - - - - - - - - - - - - 207

A COMPARISON BETWEEN SAPHENOUS VEIN AND DACRON VELOUR GRAFTS FOR FEMOROPOPLITEAL BYPASS *John Harris and James May* - - 211

AXILLOFEMORAL ARTERIAL BYPASS GRAFTS *T. J. Devine, K. A. Myers and D. F. Scott* - - - - - - - - - - - - - - - - 215

ARTERIAL RECONSTRUCTION WITH POLYTETRAFLUOROETHYLENE: A PRELIMINARY REPORT *J. P. Fletcher, J. M. Little, John Loewenthal, J. May A. G. R. Sheil and M. Stephen* - - - - - - - - - - - - 219

AORTOILIAC OCCLUSIVE VASCULAR DISEASE: A PROSPECTIVE STUDY USING ENDARTERECTOMY AND BYPASS PROCEDURES *Thomas Nash* - 223

MYOCARDIAL INFARCT IMAGING AFTER CARDIAC SURGERY *F. Panetta, C. C. L. Wong, L. M. Dugdale, A. T. Wan, G. R. Stirling, S. T. Anderson and A. Pitt* 228

POSTTRAUMATIC VASCULAR MALFORMATIONS OF THE ORBIT *T. J. Connelley* - - - - - - - - - - - - - - - 236

CASE REPORTS

ANEURYSM OF THE RIGHT SUBCLAVIAN ARTERY: AN UNUSUAL CAUSE OF SUPERIOR VENA CAVAL OBSTRUCTION *H. S. Saw, S. N. L. Yap and S. Sivanesan* - - - - - - - - - - - - - - 241

EMBOLIZATION OF TRAUMATIC ANEURYSM OF THE MAXILLARY ARTERY *Peter L. Field, Brian M. Tress, Michael D. O'Brien and Bruce A. Levant* - 244

AORTIC VALVE REPLACEMENT IN A PATIENT WITH VON WILLEBRAND'S DISEASE *D. D. F. Ma, V. P. Chang, A. J. Concannon and J. Lau* - - 247

PROXIMAL TUBULAR ADENOMA OF THE KIDNEY *D. Weedon, A. J. Splatt and A. W. E. Moore* - - - - - - - - - - - - - 250

SURGICAL TECHNIQUES

ABDOMINAL DRAINAGE: A CLINICAL REVIEW *Terence W. O'Connor and Thomas B. Hugh* - - - - - - - - - - - - - 253

THE ANAESTHETIC OF CHOICE FOR AESTHETIC HEAD AND NECK SURGERY *Leo Rozner, Peter J. Keast and Graham W. Isaacs* - - - - - - 261

EASIER OPERATIVE CHOLANGIOGRAPHY *David J. Kidman and Roger M. Motson* 263

SURGICAL EDUCATION

SEVERE INJURIES TO THE CERVICAL CORD AND SPINE: NEUROSURGICAL MANAGEMENT IN THE ACUTE AND EARLY STAGE *B. R. Selecki* - - 267

SURGICAL HISTORY

DUCHENNE DE BOULOGNE *Robert Andrew Cuthbertson* - - - - 275

NOTICES

AN APPEAL FOR HELP FOR THE MEDICAL LIBRARY OF THE UNIVERSITY OF PAPUA NEW GUINEA - - - - - - - - - - - 279

BOOK REVIEWS - - - - - - - - - - - - - - 280

This Journal is indexed in *Index Medicus*, "Medlars" and "Current Contents: Clinical Practice".

THEMES FOR FORTHCOMING ISSUES

June, 1979: Surgical Oncology.

August, 1979: General.

October, 1979: Reconstructive Surgery.

December, 1979: Surgical Science.

February, 1980: Urology.

Authors wishing to submit contributions for publication in these issues should ensure that they reach the editor at least six months before due date of publication. The adoption of special themes in no way excludes consideration of papers on other subjects.

CONTENTS

EDITORIAL COMMENT Page

PROGRESS IN CANCER THERAPY FROM CLINICAL TRIALS *John F. Forbes* - 287

CANCER THAT CAN'T BE CURED *Anthony R. Moore* - - - - - 290

CARCINOMA OF THE LARGE INTESTINE *E. S. R. Hughes and R. C. Bennett* - 291

SPECIAL ARTICLES

FACT AND VALUE JUDGEMENT IN SCIENCE *M. J. Whitten* - - - - 293

THE DIAGNOSIS AND MANAGEMENT OF POST-TRAUMATIC PAIN SYNDROMES (CAUSALGIA) *Jesse E. Thompson* - - - - - - - - - 299

ORIGINAL ARTICLES

THE PROGNOSIS OF BREAST CANCER BASED ON HISTOLOGICAL ASSESSMENT *R. E. Mitchell, R. M. Mitchell, D. Shugg and C. Wyld* - - 305

AN ANALYSIS OF BONE SCINTIGRAPHY IN EARLY (OPERABLE) BREAST CANCER *Paul R. B. Kitchen, John T. Andrews, Jonathan D. Buckley, Ian S. Russell, Meir Lichtenstein, Katrina McLean and John Forbes* - - 313

THE CARCINOID TUMOUR *J. F. Thompson, D. C. Gee and J. M. Little* - - 317

THE CURRENT STATUS OF SURGERY FOR ENDOMETRIAL CARCINOMA: FACTS AND FANTASY *B. L. G. Kneale* - - - - - - - - 327

PREOPERATIVE BASAL CHEMOTHERAPY IN THE MANAGEMENT OF CANCER OF THE STOMACH: A PRELIMINARY REPORT *Frederick O. Stephens, Garry J. S. Harker, Robert T. J. Dickinson and Bruce A. Roberts* - - 331

THE SURVIVAL OF PATIENTS WITH MALIGNANT MELANOMA RECEIVING BCG WITH OR WITHOUT CHEMOTHERAPY *M. D. Green, I. R. Mackay, J. D. Buckley and A. S. Coates* - - - - - - - - - - 335

ILEOSTOMY RECONSTRUCTION *David Failes, Mark Killingback, Malcolm Stuart, Catherine de Luca and Christine Riley* - - - - - - - - - 340

THE SURGICAL TREATMENT OF ANAL INCONTINENCE *David Failes, Mark Killingback, Malcolm Stuart and Catherine de Luca* - - - - 345

CASE REPORTS

HAEMANGIOPERICYTOMA: PROBLEMS IN DIAGNOSIS AND MANAGEMENT *H. S. Saw and K. Prathap* - - - - - - - - - - - - - 350

LYSIS OF A SUPERIOR MESENTERIC ARTERY EMBOLUS FOLLOWING LOCAL INFUSION OF STREPTOKINASE AND HEPARIN *A. C. Jamieson, R. J. S. Thomas and J. F. Cade* - - - - - - - - - - 355

INTERCOSTAL HERNIATION OF ABDOMINAL CONTENTS FOLLOWING A PENETRATING CHEST INJURY *David M. A. Francis and W. C. Barnsley* - 357

POINT OF VIEW

TRAUMA AND TRAINING IN NEUROSURGERY *G. M. Bedbrook* - - - 359

REPLY *T. A. R. Dinning* - - - - - - - - - - - - - -

SURGICAL TECHNIQUES

ILEOSTOMY RECONSTRUCTION IN INFLAMMATORY BOWEL DISEASE E. S. R. Hughes, F. T. McDermott and J. P. Masterton - - - - - - 361

COLOSTOMY CLOSURE: TECHNIQUE AND MORBIDITY *Pierre Chapuis and Mark Killingback* - - - - - - - - - - - - - - 363

CONTENTS (continued)

SURGICAL EDUCATION

THE TREATMENT OF BREAST CANCER IN A FRENCH ANTICANCER CENTRE *Stuart Renwick, Genevieve Contesso, Jean Lacour, Francoise May-Levin and Danielle Sarrazin* - - - - - - - - - - - - - 369

ANTICANCER CENTRES IN FRANCE *Stuart Renwick* - - - - - - - 374

LUMP VERSUS TYLOS *Meandros* - - - - - - - - - - - - 378

SURGICAL RESEARCH

DO SURGICAL PACKS CAUSE PERITONEAL ADHESIONS? *R. H. L. Down, R. Whitehead and J. McK. Watts* - - - - - - - - - - - 379

NOTICES

GORDON CRAIG LIBRARY: Recent acquisitions - - - - - - - - 383

FOURTH EDINBURGH SURGICAL FESTIVAL - - - - - - - - - 383

WORLD CONVENTION ON MICROSURGERY - - - - - - - - - 383

BOOK REVIEWS - - - - - - - - - - - - - - 384

This Journal is indexed in *Index Medicus*, "Medlars" and "Current Contents: Clinical Practice".

THEMES FOR FORTHCOMING ISSUES

AUGUST, 1979: GENERAL.

OCTOBER, 1979: RECONSTRUCTIVE SURGERY.

DECEMBER, 1979: SURGICAL SCIENCE.

FEBRUARY, 1980: UROLOGY.

Authors wishing to submit contributions for publication in these issues should ensure that they reach the editor *at least six months* before due date of publication. The adoption of special themes in no way excludes consideration of papers on other subjects.

CONTENTS

Page

EDITORIAL COMMENT

PROGRESS IN BURNS CARE *J. P. Masterton* - - - - - - - - 391

THE COLLEGE AND SURGICAL MANPOWER *H. D. Sutherland* - - - - - 392

THE GEORGE ADLINGTON SYME ORATION

THE ETHICS AND ECONOMICS OF EXCELLENCE *Reginald Murley* - - - 394

THE HENRY WINDSOR LECTURE

PART I: THE LIFE OF HENRY WINDSOR
PART II: THE CONTRIBUTIONS OF MICROVASCULAR SURGERY TO MEDICINE
Bernard McC. O'Brien - - - - - - - - - - - - - - 400

ORIGINAL ARTICLES

THE STRUCTURE AND FUNCTION OF THE BURNS UNIT AT THE ROYAL PERTH HOSPITAL *Harold McComb* - - - - - - - - - - - - 416

CONTROL OF BURN WOUND INFECTION AT THE ROYAL PERTH HOSPITAL
Mary Brooksbank - - - - - - - - - - - - - - - 424

INFLAMMATORY DISEASES OF THE BOWEL: A MALAYSIAN EXPERIENCE
T. K. Ti - - - - - - - - - - - - - - - - - - 428

DELAYED DIAGNOSIS OF CARCINOMA OF THE RECTUM AND SIGMOID
E. S. R. Hughes, F. T. McDermott and J. P. Masterton - - - - - 432

CEPHALORIDINE PROPHYLAXIS IN RESECTION OF THE LARGE INTESTINE
E. S. R. Hughes, F. T. McDermott, A. White and J. P. Masterton - - 434

THE IMPACT OF A NEW OPERATING THEATRE SUITE ON SURGICAL WOUND INFECTIONS *K. J. Millar* - - - - - - - - - - - - - 437

WORK LOADS OF A SAMPLE OF GENERAL SURGEONS IN NEW SOUTH WALES
J. M. Ham and E. Gray - - - - - - - - - - - - - 441

HEAD INJURIES IN A GENERAL SURGICAL UNIT *S. C. So, G. Choa and G. B. Ong* 446

PULMONARY HYDATID CYST: A 25-YEAR EXPERIENCE *W. John Perianayagam, Edward Freitas, S. S. Sharma, S. Muralidharan, P. S. Jairaj and Stanley John* 450

OPERATIVE ULTRASONIC BILE DUCT SCANNING *Rodney James Lane and Ernest Frank Crocker* - - - - - - - - - - - - - 454

RUBBER SUMP DRAINAGE OF ENTEROCUTANEOUS FISTULAE *G. Ramsey Stewart, R. Hurst, C. Hadgis and John Lowenthal* - - - - - - - 459

POSTOPERATIVE PANCREATITIS AS A COMPLICATION OF BILARY SURGERY
D. M. Ingram, A. K. House and P. Garcia-Webb - - - - - - - 466

THE MANAGEMENT OF GASTROSCHISIS *S. T. Ho and Ian S. Reid* - - - 470

CASE REPORTS

DIAGNOSTIC PNEUMOPERITONEUM IN TRAUMATIC RUPTURE OF THE RIGHT DIAPHRAGM *J. M. Wynn and I. R. Gough* - - - - - - - - 473

THE PERFORMANCE OF MULTIPLE JOINT PROCEDURES AT ONE OPERATION IN A PATIENT WITH HAEMOPHILIA *Alastair G. Rothwell and James M. Faed* 476

URINARY CALCULUS FORMATION ON BLOOD CLOT: REPORT OF A CASE
D. R. Fletcher and B. W. McGregor - - - - - - - - - - 479

CONTENTS *(Continued)*

Page

MESENTERIC-CERVICAL VASCULAR ANASTOMOSIS AS AN ADJUNCT TO OESPHAGEAL BYPASS SURGERY FOR CARCINOMA *A. K. House and D. M. Ingram* - - - - - - - - - - - - - - - 481

EPIDURAL ABSCESS: A HAZARD OF SPINAL EPIDURAL ANAESTHESIA *J. B. North and B. P. Brophy* - - - - - - - - - - - - - 484

POINT OF VIEW

SEVERE INJURIES TO THE CERVICAL CORD AND SPINE: NEUROSURGICAL MANAGEMENT IN THE ACUTE AND EARLY STAGE *E. R. Griffiths* - - 486

REPLY *B. R. Selecki* - - - - - - - - - - - - - - 487

SURGICAL TECHNIQUES

Y INCISION FOR MEDIAN STERNOTOMY *P. Nandi, C. K. Mok and G. B. Ong* - 489

SURGICAL EDUCATION

THE EFFECTIVE HAZARDS OF SPLENECTOMY *G. J. Stewart and J. M. Little* - 492

NOTICES

GLISSAN PRIZE - - - - - - - - - - - - - - 495

53RD GENERAL SCIENTIFIC MEETING - - - - - - - 495

SIXTH ASIAN-PACIFIC CONGRESS OF GASTROENTEROLOGY - - 496

BOOK REVIEWS - - - - - - - - - - - - - -

This Journal is indexed in *Index Medicus*, "Medlars" and " Current Contents: Clinical Practice".

THEMES FOR FORTHCOMING ISSUES

October, 1979: Reconstructive Surgery.

December, 1979: Renal Transplantation. Surgical Science.

February, 1980: Urology.

April, 1980: Hand Surgery.

June, 1980: Benign Conditions of the Ano-Rectum.

CONTENTS

Page

EDITORIAL COMMENT

BREAST RECONSTRUCTION AFTER MASTECTOMY *John Hueston* - - - 501

THE R.A.C.S. FOUNDATION *R. C. Bennett* - - - - - - - - - 502

THE HAMILTON RUSSELL MEMORIAL LECTURE

PRESERVED THROUGH THE MEDIUM: ART AND THE HISTORY OF ORTHOPAEDICS *A. W. Beasley* - - - - - - - - - - 504

ORIGINAL ARTICLES

POST-MASTECTOMY RECONSTRUCTION OF THE BREAST: A SYMPOSIUM *R. J. James, C. M. Furnival, C. A. C. Leggett, J. Herron, D. N. Robinson, D. R. Marshall, I. A. McDougall, A. J. J. Emmett and J. T. Hueston* - - - - 519

RECTUS ABDOMINIS MYOCUTANEOUS FLAP FOR BREAST RECONSTRUCTION *Thomas H Robbins* - - - - - - - - - - - - - 527

AXIAL MUSCLE AND MYOCUTANEOUS FLAPS: A RECENT CONCEPT IN WOUND CLOSURE *Anthony Holmes and Ian Carlisle* - - - - - - - - 531

OMENTAL TRANSPOSITION AND SKIN GRAFT IN THE MANAGEMENT OF CHEST WALL RECURRENCE OF CARCINOMA OF THE BREAST *Richard K. Newing, Julian J. Pribaz, Richard C. Bennett and John Buls* - - - - - - - 546

SUBCUTANEOUS MASTECTOMY: INDICATIONS AND TECHNIQUE *T. H. Ackland, J. T. Hueston and T. H. Robbins* - - - - - - - - - 551

SUBCUTANEOUS MASTECTOMY USING AN INFERIOR NIPPLE PEDICLE *Edward W. Gibson* - - - - - - - - - - - - - - 559

THE SURGICAL PATHOLOGY OF BREAST CANCER IN RELATION TO RECONSTRUCTION AFTER MASTECTOMY *Colin M. Furnival* - - - 561

RUPTURE OF SUBPECTORAL PROSTHESES DURING CLOSED COMPRESSION CAPSULOTOMY *J. T. Hueston and W. S. C. Hare* - - - - - - - 564

THE TREATMENT OF DEEP BURNS OF THE HAND *Russell J. Corlett* - - 567

SALVAGE OPERATIONS FOR MALIGNANT OBSTRUCTION OF THE OESOPHAGUS *G. B. Ong, K. H. Lam, S. T. K. Lim and John Wong* - - 573

CASE REPORTS

PRIMARY ISOLATED EXTRAMEDULLARY PLASMACYTOMA OF THE DUODENUM *Alwyn Mannell* - - - - - - - - - - - 577

SPONTANEOUS PERFORATION OF THE COMMON HEPATIC DUCT: A NEW PRESENTATION *Jeffrey J. Fisher and Gregory J. Leslie* - - - - - 580

CAECAL HERNIATION THROUGH THE FORAMEN OF WINSLOW *Phillip King and Robin Smart* - - - - - - - - - - - - - - - 582

SPONTANEOUS EXTERNAL BILIARY FISTULA *K. B. Orr* - - - - - - 584

PELVIC ACTINOMYCOSIS IN ASSOCIATION WITH AN INTRAUTERINE CONTRACEPTIVE DEVICE *David H. Smith, Judith A. Fryer and Ian McN. Kelso* - - - - - - - - - - - - - - - 586

LEAKING THORACOABDOMINAL ANEURYSM *D. L. Annetts and A. R. Graham* 588

CONTENTS *(continued)*

SURGICAL TECHNIQUES

FEMORAL NERVE BLOCK: A SIMPLE AND SAFE METHOD OF INSTANT ANALGESIA FOR FEMORAL SHAFT FRACTURES IN CHILDREN *Garry D. Grossbard and Bruce R. T. Love* - - - - - - - - - - 592

SURGICAL EDUCATION

HIATUS *Meandros* - - - - - - - - - - - - - - 595

NOTICES

GORDON CRAIG LIBRARY *Recent Acquisitions* - - - - - - - 596

BOOK REVIEWS - - - - - - - - - - - - - - 597

This Journal is indexed in Index Medicus, "Medlars" and "Current Contents: Clinical Practice".

THEMES FOR FORTHCOMING ISSUES

December 1979: Renal Transplantation
Surgical Science

February, 1980: Urology

April, 1980: Hand Surgery

June, 1980: Benign Conditions of the Ano-Rectum

CONTENTS

EDITORIAL COMMENT *Page*

PROGRESS IN RENAL TRANSPLANTATION *Peter J. Morris* - - - - - 603

THE COMPLICATIONS OF RENAL TRANSPLANTATION *Gordon Clunie* - - 605

THE CONTRIBUTIONS OF SIR JOHN LOEWENTHAL TO SURGICAL SCIENCE *G. Douglas Tracy* - - - - - - - - - - - - - - - 607

ORIGINAL ARTICLES

LIVING RELATED RENAL TRANSPLANTATION: EXPERIENCE IN 22 CASES *Napier M. Thomson, David F. Scott, Vernon C. Marshall and Robert C. Atkins* 608

TRANSPLANT RENAL ARTERY STENOSIS *K. T. Woo, C. K. Yeung, A. J. F. d'Apice and Priscilla Kincaid-Smith* - - - - - - - - - - - - 613

CANCER FOLLOWING RENAL TRANSPLANTATION *A. G. R. Sheil, J. F. Mahoney, J. S. Horvath, J. R. Johnson, D. J. Tiller, G. E. Kelly and J. H. Stewart* - - 617

GASTROINTESTINAL COMPLICATIONS FOLLOWING RENAL TRANSPLANTATION *P. R. Meech, I. R. Hardie, L. C. J. Hartley, R. W. Strong and G. J. A. Clunie* - - - - - - - - - - - - - - - - 621

LYMPHOCELE AFTER RENAL TRANSPLANTATION *A. B. Griffiths, E. W. Fletcher and P. J. Morris* - - - - - - - - - - - - - - - 626

FURTHER EXPERIENCE WITH AN EXTERNAL URETEROVESICAL ANASTOMOSIS IN RENAL TRANSPLANTATION *P. R. Meech, I. R. Hardie, L. C. J. Hartley, R. W. Strong, P. W. H. Woodruff, G. H. L. Hirst and G. J. A. Clunie* - - 629

A VASCULAR SURGEON'S APPROACH TO RENAL TRANSPLANTATION *Peter L. Field* - - - - - - - - - - - - - - - - 633

POLYTETRAFLUOROETHYLENE (P.T.F.E.) GRAFTS FOR HAEMODIALYSIS: PATENCY AND COMPLICATIONS COMPARED WITH THOSE OF SAPHENOUS VEIN GRAFTS *James May, John Harris and William Patrick* - 639

A COMPARISON OF PROXIMAL WITH DISTAL ARTERIAL RECONSTRUCTION IN THE TREATMENT OF ADVANCED LOWER LIMB ISCHAEMIA *David A. Hill, Reginald S. A. Lord and G. Douglas Tracy* - - - - - - - - 643

MICROVASCULAR TECHNIQUES IN RECONSTRUCTION FOLLOWING MAJOR RESECTIONS FOR CANCER OF THE HEAD AND NECK *A. M. MacLeod, B. Mc. O'Brien and W. A. Morrison* - - - - - - - - - - 648

ANOTHER LOOK AT KERATOACANTHOMA *B. K. Rank and P. L. Dixon* - - 654

EVALUATION OF AN INTRAOPERATIVE TEST FOR THE COMPLETENESS OF VAGOTOMY *R. S. Williams and A. G. Johnson* - - - - - - - 659

A PATTERN OF LOCAL RECURRENCE FOLLOWING RESECTION OF COLORECTAL CANCER *M. T. Pheils, P. H. Chapuis, A. A. G. Thomson, J. E. Payne, R. C. Newland and J. G. MacPherson* - - - - - - - 663

PRIMARY SARCOMAS OF THE JAW *K. H. Lam, J. Wong, S. T. K. Lim and G. B. Ong* 668

CASE REPORTS

CEREBRAL METASTATIC MELANOMA PRESENTING AS SPASTIC PARAPARESIS *Gordon Stuart and Glen Merry* - - - - - - - - - - - - 676

INTERHEMISPHERIC SUBDURAL HAEMATOMA FOLLOWING HEAD INJURY *M. R. Fearnside, K. Hall and R. P. Sengupta* - - - - - - - - - 678

CONTENTS *(continued)*

POINT OF VIEW

THE SURGICAL SCIENTIST: WHO SHALL HE BE, HOW SHOULD BE BE TRAINED, AND WHAT MUST HE DO? *Robert C. Burton and Paul S. Russell* - - 681

R.A.C.S. FOUNDATION
John F. Forbes - - - - - - - - - - - - - - 682
John S. Simpson - - - - - - - - - - - - - - 683
John Garvey - - - - - - - - - - - - - - 684

REPLY *R. C. Bennett* - - - - - - - - - - - - - 685

PROGRESS IN CANCER THERAPY FROM CLINICAL TRIALS *G. W. Milton* - 686

REPLY *John F. Forbes* - - - - - - - - - - - - - 686

SURGICAL TECHNIQUES

A METHOD FOR THE OPERATIVE TREATMENT OF CHRONIC ISCHAEMIA OF THE GUT *Bernard Catchpole* - - - - - - - - - - 687

THE DEVELOPMENT OF THE CIRCLE TECHNIQUE FOR DETERMINING THE OPTIMUM LINE OF TUMOUR EXCISION *Michael L. Flint* - - - - - 690

PURSE STRING PLACEMENT FOR STAPLE ANASTOMOSIS USING THE END-TO-END ANASTOMOSIS STAPLING INSTRUMENT *A. L. Polglase, E. S. R. Hughes, J. P. Masterton and I. G. E. Cunningham* - - - - - - - 696

SURGICAL EDUCATION

PEPTIDES OF THE GUT AND BRAIN: AN INTRODUCTION *Arthur A. Shulkes and Kenneth J. Hardy* - - - - - - - - - - - - - - 701

ATTACHED TO STERNOMASTOID? *J. J. Shepherd* - - - - - - - 704

SURGICAL RESEARCH

A COMPARISON OF FLUSHING FLUIDS FOR INITIAL PERFUSION OF KIDNEYS FOR TRANSPLANTATION *A. K. House, A. J. Brooks, K. Woodman and A. G. R. Sheil* - - - - - - - - - - - - - - 705

THE COMBINED USE OF ANTILYMPHOCYTIC SERUM AND BONE MARROW INFUSION IN IMMUNOLOGICAL SUPPRESSION *D. T. Caridis* - - - 709

TRANSPLANTATION OF ORGAN CULTURED RAT PARATHYROIDS *Ian R. Gough and Margaret Finnimore* - - - - - - - - - - - 716

CORONARY HAEMODYNAMICS AND MYOCARDIAL METABOLISM DURING CARDIOPULMONARY BYPASS *J. P. Richardson and T. G. W. Baker* - - 721

ISOLATED LIVER PERFUSION: THE CHOICE OF ANAESTHETIC *B. R. Dobbs, J. N. Baxter, B. C. Galland and D. Lee* - - - - - - - - - - 729

CHANGES IN LIVER BLOOD FLOW WITH DEVELOPMENT OF BILIARY OBSTRUCTION IN THE RAT *David R. Hunt* - - - - - - - - - 733

INTRAOPERATIVE AND POSTOPERATIVE CHANGES IN PERIPHERAL WHITE BLOOD CELL COUNTS: THE CONTRIBUTION OF STRESS *Sylvia M. Kirov, J. J. Shepherd and K. D. Donald* - - - - - - - - - - - 738

RETARDATION OF HEALING OF LARGE-BOWEL ANASTOMOSES BY 5-FLUOROURACIL *Tom Morris* - - - - - - - - - - - 743

CORRIGENDUM - - - - - - - - - - - - - - - - 745

NOTICES

GLISSAN PRIZE - - - - - - - - - - - - - - - 746
53RD GENERAL SCIENTIFIC MEETING - - - - - - - - - - - 746
THIRD CONGRESS OF ASIA-PACIFIC SECTION - - - - - - - - 746

BOOK REVIEWS - - - - - - - - - - - - - - - 747

INDEX

A

Abscess, Epidural — A Hazard of Spinal Epidural Anaesthesia, by J. B. North and B. P. Brophy.484
Abdominal Injuries — (*See also* Road Trauma)
Ackland, T. H. — Hueston and Robbins — Subcutaneous Mastectomy: Indications and techniques 551
Adhesions — Peritoneal. Do Surgical Packs Cause? — by R. H. Down, R. Whitehead and J. McK. Watts. 379
Anaesthetic —
Aesthetic Head and Neck Surgery, Of Choice for, The, by L. Rozner, P. J. Keast and G. W. Isaacs. 261
(*See also* Liver Perfusion)
Analgesia — Femoral Nerve Block: A Simple and Safe Method of Instant, For Femoral Shaft Fractures in Children, by G. D. Grossbard and B. R. Love. 592
Anastomoses — Large-Bowel, 5 — Fluorouracil, Retardation of Healing of, by, by T. Morris. ... 743
Anastomosis — (*See also* Renal Transplantation)
Andrews, J. T. — (*See* Kitchen, P. R.) 313
Anderson, S. T. — (*See* Panetta, F.) 228
Aneurysm —
Subclavian Artery, Of the Right: A Unusual Cause of Superior Vena Caval Obstruction, by H. S. Saw, S. N. Yar and S. Sivanesan. .. 241
Thoracoabdominal, Leaking, by D. L. Annetts and A. R. Graham. 588
Traumatic, Embolization of, of the Maxillary Artery, by P. L. Field, B. M. Tress, M. D. O'Brien and B. A. Levant. 244
Annetts, D. L. and Graham — Leaking Thoracoabdominal Aneurysm. 588
Anticancer Centres — In France, by S. Renwick. 374
Aortic Valve — Replacement, In a Patient with Von Willebrand's Disease, by D. D. Ma, V. P. Chang, A. J. Concannon and J. Lau. 247
Antilymphocytic Serum — (*See also* Immunological Suppression)
Atkins, R. C. — (*See* Thomson, N. M.) 608
Axial Muscle — (*See also* Wound Closure)

B

Baddeley, S. and Cullen — The Use of Methylmethacrylate in the Treatment of Giant Cell Tumours of the Proximal Tibia. 120
Baker, T. G. — (*See* Richardson, J. P.) 721
Barnsley, W. C. — (*See* Francis, D. M.) 357
Bassett, M. L. — (*See* Goulston, K. J.) 49
Baxter, J. N. — (*See* Dobbs, B. R.) 729
Beasley, A. W. —
The Accessory Soleus. 86
The Hamilton Russell Memorial Lecture Preserved Through the Medium: Art and the History of Orthopaedics. 504
The Involvement of The College in Road Safety. 169
Bedbrook, G. —
Spinal Injuries — An Opportunity. 173
Trauma and Training in Neurosurgery. 359
Bell, *Sir* Gordon. — The Gordon Bell Memorial Lecture. Science and Surgery, by R. B. Welbourn. 179
Bennett, R. C. —
The R.A.C.S. Foundation. 502
(*See* Hughes, E. S.) 291
(*See* Newing, R. K.) 546
Bile Duct — (*See also* Ultrasonic, Scanning). (*See also* Cholecystectomy)
Biliary —
Fistula, External, Spontaneous, by K. B. Orr... 584
Obstruction
(*See also* Liver Blood Flow)
Surgery
(*See also* Pancreatitis)
Bleeding —
GastoIntestinal, Upper,
The Mallory-Weiss Lesion as a Cause of, by A. I. Stern, M. G. Korman, P. S. Hunt, J. Hansky, H. S. Hillman and G. T. Schmidt. .. 13
Stomal Ulceration
by P. S. Hunt, J. Dowling, M. Korman and J. Hansky. 15
Blood Alcohol Levels — (*See also* Evidence)
Blood Cell Counts —
White, Peripheral, Intraoperative and Postoperative changes in, The Contribution of Stress, by S. M. Kirov, J. J. Shepherd and K. D. Donald. 738
Blood Clot — (*See also* Urinary Calculus) .....
Bone Marrow Infusion — (*See also* Immunological Suppression)
Bone Scintigraphy — (*See also* Cancer)
Bowel —
Ends, Anastomosing, A Technique of, With Discrepancy in Size, by S. Nivatvongs and S. M. Goldberg. 109
Inflammatory Diseases of the: A Malaysian Experience, by T. K. Ti. 428
Bowel Disease, — (*See also* Ileostomy)
Brain — (*See also* Peptides)
Breast, Reconstruction —
Rectus Abdominis Myocutaneous Flap for, by T. H. Robbins. 527
Skin Flaps in, by I. A. McDougall. 525
(*See also* Prosthesis)
Brockis, J. G. — (*See* Hulbert, J.) 76
Brooks, A. J. — (*See* House, A. K.) 705
Brooksbank, M. — Control of Burn Wound Infection at the Royal Perth Hospital. 424
Brophy, B. P. — (*See* North, J. B.) 484
Buckley, J. C. — (*See* Green, M. D.) 335
Buckley, J. D. — (*See* Kitchen, P. R.) 313

Buls, J. — (*See* Newing, R. K.) 546
Burn — Wound Infection, Control of, At the Royal Perth Hospital, by M. Brooksbank. 424
Burnett, W., — Dwyer, Kennard and Roberts. In Vitro Studies of Gallstone Dissolution Using the Scanning Electron Microscope. 131
Burns — Care, Progress in, by J. P. Masterton. . 391
Deep, Hand of the, The Treatment of, by R. J. Corlett. 567
Burns Unit — The Structure and Function of the, At the Royal Perth Hospital, by H. McComb. . 416
Burton, R. C. — and Russell. The Surgical Scientist: Who Shall He Be, How Should He Be Trained, and What Must He Do? 681
Bypass —
Axillofemoral Arterial, Grafts, by T. J. Devine, K. A. Myers and D. F. Scott. 215
Femoropopliteal, A Comparison Between Saphenous Vein and Dacron Velour Grafts for, by J. Harris and J. May. 211
Oesphageal, Surgery for Carcinoma, Mesenteric-cervical Vascular Anastomosis as an Adjunct to, by A. K. House and D. M. Ingram. 480
(*See also* Vascular Disease)

C

Cade, J. F. — (*See* Jamieson, A. C.) 355
Caecal Herniation — Winslow, Foramen of, Through the, by P. King and R. Smart. 582
Cancer —
Breast
Early (Operable)
An Analysis of Bone Scintigraphy in, by P. R. Kitchen, J. T. Andrews, J. D. Buckley, I. S. Russell, M. Lichtenstein, K. McLean and J. F. Forbes. 313
The Prognosis of, Based on Histological Assessment, by R. E. Mitchell, R. M. Mitchell, D. Shugg and C. Wyld. 305
The Treatment of, In a French Anticancer Centre, by S. Renwick, G. Contesso, J. Lacour, F. May-Levin and D. Sarrazin. . 369
(*See also* Mastectomy)
Colorectal
Explicit Criteria Auditing, by K. J. Goulston, M. L. Bassett and O. Dent. 49
In New Zealand: A Wellington Study, by P. R. Turnbull and W. H. Isbister. 45
Resection of, A Pattern of Local Recurrence Following, by M. T. Pheils, P. H. Chapuis, A. A. Thomson, J. E. Payne, R. C. Newland and J. G. MacPherson. 663
Head and Neck
Microvascular Techniques in Reconstruction Following Major Resections for, of the, by A. M. MacLeod, B. Mc. O'Brien and W. A. Morrison. 648
Renal Transplantation
Following, by A. G. Sheils, J. F. Mahoney, J. S. Horvath, J. R. Johnson, D. J. Tiller, G. E. Kelly and J. H. Stewart. 617
Stomach
Preoperative Basal Chemotherapy, In the Management of: A Preliminary Report, by F. O. Stephens, G. J. Harker, R. T. Dickinson and B. A. Roberts. 331
That Can't be Cured
by A. R. Moore. 290
Cancer Therapy — Progress in, From Clinical Trials, by J. F. Forbes. 287
Capsulotomy — — (*See also* Prostheses)
Carcinoid Tumour — The, by J. F. Thompson, D. C. Gee and J. M. Little. 317
Carcinoma —
Breast
Omental Transposition and Skin Graft in the Management of Chest Wall Recurrence of, Of the, by R. K. Newing, J. J. Pribaz, R. C. Bennett and J. Buls. 546
Endometrial
The Current Status of Surgery for: Facts and Fantasy, by B. L. Kneale. 327
Intestine
Large, of the, by E. S. Hughes and R. C. Bennett. 291
Large-bowel
Resection for, Mortality and Complications of, by S. T. Theile, J. R. Cohen, J. Holt and N. C. Davis. 62
Rectum and Sigmoid
Delayed Diagnosis of, by E. S. Hughes, F. T. McDermott and J. P. Masterton. 432
(*See also* Bypass, Oesphageal)
Cardiopulmonary Bypass — Coronary Haemodynamics and Myocardial Metabolism During, by J. P. Richardson and T. G. Baker. 721
Caridis, D. T. — The Combined Use of Antilymphocytic Serum and Bone Marrow Infusion in Immunological Suppression. 709
Carlisle, I. — (*See* Holmes, A.) 531
Catchpole, B. — A Method for the Operative Treatment of Chronic Ischaemia of the Gut. 687
Causalgia — Post-traumatic Pain Syndromes, The Diagnosis and Management of, by J. E. Thompson. 299
Cerebral Metastatic Melanoma — (*See also* Melanoma)
Cervical Cord —
Severe Injuries to the, and Spine: Neurosurgical Management in the Acute and Early Stage, (*and*) Reply, by B. R. Selecki. 267
..... 487
Reply by E. R. Griffiths. 486
Chang, V. P. — (*See* Ma, D. D.) 247
Chapius, P. — and Killingback. Colostomy Closure: Technique and Morbidity. 363
Chapuis, P. H. — (*See* Pheils, M. T.) 663
Chari, P. R. — Rao and Rao. Congenital Abduction Contracture With Dislocation of the Shoulder in Children: A Report of Two Cases. 105
Chary, K. S. — (*See* Rao, P. L.) 99
Chemotherapy —
(*See also* Cancer)

(*See also* Melanoma)
Choa, G. — (*See* So, S. C.) 446
Cholangiography — Operative, Easier, by D. J. Kidman and R. W. Moston. 263
Cholecystectomy — Bile Duct Injury During: Causes, Prevention and Surgical Repair in 1979 by G. A. Kune. 35
Cholecystitis — Suppurative, Acute: A Retrospective Study of 173 Cases, by K. H. Lam, J. Wong, S. T. K. Lim and G. B. Ong. 23
Cimetidine — (*See also* Ulceration, Gastric)
Circle Technique — Development of the, For Determining the Optimum Line of Tumour Excision, by M. Flint. 690
Clunie, G. — The Complications of Renal Transplantation. 605
Clunie, G. J. — (*See* Meech, P. R.) 621
..... 629
Coates, A. S. — (*See* Green, M. D.) 335
Cohen, J. R. — (*See* Theile, D. E.) 62
Colitis — Ulcerative, Chronic Mucosal, With Malignant Lymphoma: Report of a Case, by J. C. Emanuel and W. H. Isbister. 95
College, The —
And Surgical Manpower, by H. D. Sutherland. 392
53rd General Scientific Meeting, Sydney, 1980. Notice. 746
(*See also* Foundation)
Colostomy — Closure, Technique and Morbidity, by P. Chapius and M. Killingback. 363
Concannon, A. J. — (*See* Ma, D. D.) 247
Connelley, T. J. — Posttraumatic Vascular Malformations of the Orbit. 236
Contesso, G. — (*See* Renwick, S.) 369
Contracture — Congenital Abduction, With Dislocation of the Shoulder in Children: A Report of Two Cases, by P. R. Chari, Y. V. Rao and B. K. Rao. 105
Corlett, R. J. — The Treatment of Deep Burns of the Hand. 567
Coronary Haemodynamics — (*See also* Cardiopulmonary Bypass)
Criteria Auditing — (*See also* Cancer, Colorectal)
Crocker, E. F. — (*See* Lane, R. J.) 454
Cullen, J. C. — (*See* Baddeley, S.) 120
Cunningham, I. G. — (*See* Polglase, A. L.) 696
Cuthbertson, R. A. — Duchenne de Boulogne. . 275
Cysts — Intrapancreatic — Associated with Relapsing Pancreatitis, by I. C. Roberts-Thomson. 41

D

D'Apice, A. J. — (*See* Woo, K. T.) 613
Davis, N. C. — (*See* Theile, D. E.) 62
De Luca, C. — (*See* Failes, D.) 66
..... 72
..... 340
..... 345
Dent, O. — (*See* Goulston, K. J.) 49
Dermoid — Intrarectal, Report of a Case, by P. L. Rao, S. N. Chary and R. N. Katariya. 99
Devine, T. J. — Myers and Scott. Axillofemoral Arterial Bypass Grafts. 215
Diaphragm — Traumatic Rupture of the Right, Diagnostic Pneumoperitoneum in, by J. M. Wynne and I. R. Gough. 473
Dickinson, R. T. — (*See* Stephens, F. O.) 331
Dinning, T. A. — Trauma and Training in Neurosurgery: Reply. 360
Disc — Lumbar, Excision, A Simplified Surgical Approach for, by T. K. Taylor and M. D. Ryan. 122
Diverticular Disease — (*See also* Resection, Elective)
Dixon, P. L. — (*See* Rank, B. K.) 654
Dobbs, B. R. — Baxter, Galland and Lee. Isolated Liver Perfusion: The Choice of Anaesthetic. .. 729
Donald, K. D. — (*See* Kirov, S. M.) 738
Dooley, B. J. — (*See* Trinca, G. W.) 203
Dowling, J. — (*See* Hunt, P. S.) 15
Down, R. H. — Whitehead and Watts. Do Surgical Packs Cause Peritoneal Adhesions? 379
Drainage. — Abdominal: A Clinical View: by T. W. O'Connor and T. B. Hugh. 253
Duchenne de Boulogne. — By R. A. Cuthbertson. 275
Dugdale, L. M. — (*See* Panetta, F.) 228
Duodenum —
Jejunal Replacement of the Second Part of the, Following Severe Trauma, by A. Mann. 92
(*See also* Plasmacytoma)
Dwyer, K. R. — (*See* Burnett, W.) 131

E

Education — Surgical, by 'Meandros' 125
Electron Microscope — (*See also* Gallstone, Dissolution)
Elmslie, R. — The Colonial Career of James Patrick Murray. 154
Emanuel, J. C. — and Isbister. Chronic Mucosal Ulcerative Colitis With Malignant Lymphoma: Report of a Case. 95
Emmett, A. J. — The Dog-ear Flap for Reconstruction of the Breast Cone Following Mastectomy. 526
Endarterectomy — (*See also* Vascular Disease)
Epidural Anaesthesia — (*See also* Abscess, Epidural)
Evidence — Getting the, and Using It to the Best Advantage, by G. Trinca. 196

F

Faed, J. M. — (*See* Rothwell, A. G.) 476
Failes, D. —
Killingback, Stuart and De Luca.
Elective Resection for Diverticular Disease 66
Rectal Prolapse 72
The Surgical Treatment of Anal Incontinence. 345
and Riley.
Ileostomy Reconstruction 340
Fearnside, M. R. — Hall and Sengupta. Interhemispheric Subdural Haematoma Following Head Injury. 678
Femoral Shaft Fractures — (*See also* Analgesia)

Field, P. L. —
A Vascular Surgeon's Approach to Renal Transplantation. 633
Tress, O'Brien and Levant.
Embolization of Traumatic Aneurysm of the Maxillary Artery. 244
Finnimore, M. — (*See* Gough, I. R.) 716
Fisher, J. J. — and Leslie. Spontaneous Perforation of the Common Hepatic Duct: A New Presentation. 580
Fisk, G. R. — The Influence of Hip Rotation Upon the Gait. 7
Fistulae, Enterocutaneous — (*See also* Sump Drainage) .....
Fletcher, D. R. — and McGregor. Urinary Calculus Formation on Blood Clot; Report on a Case. . 479
Fletcher, E. W. — (*See* Griffiths, A. B.) 626
Fletcher, J. P. — Little, Loewenthal, May, Sheil and Stephen. Arteria. Reconstruction with Polytetrafluoroethylene: A Preliminary Report. 219
5 — Fluorouracil (*See also* Anastomoses)
Flushing Fluids — (*See also* Kidneys)
Flint, M. — The Development of Circle Technique for Determining the Optimum Line of Tumour Excision. 690
Forbes, J. F. —
The College Foundation. 682
Progress in Cancer therapy from Clinical Trials. 287
(*See* Kitchen, P. R.) 313
Foundation —
The College, by J. F. Forbes. 682
Royal Australasian College of Surgeons, The, by J. Garvey. 684
A Personal View, by J. S. Simpson. 683
Fractures — Mandibular, Inferential Therapy to Promote Union of, by J. M. Ganne, B. Speculand, L. H. Mayne and A. N. Goss. 81
Francis, D. M. — and Barnsley. Intercostal Herniation of Abdominal Contents Following a Penetrating Chest Injury. 357
Freitas, E. — (*See* Perianayagam, W. J.) 450
Fryer, J. A. — (*See* Smith, D. H.) 586
Furnival, C. M. — Surgical Pathology of Breast Cancer in Relation to Reconstruction After Mastectomy. 520
..... 561

G

Gait — Influence of Hip Rotation Upon the, by G. R. Fisk. 7
Galland, B. C. — (*See* Dobbs, B. R.) 729
Gallstones —
Dissolution, In Vitro Studies of, Using the Scanning Electron Microscope, by W. Burnett, K. R. Dwyer, C. H. Kennard and G. Roberts. 131
Retained, The Choice of the Method of Management, by A. Iseli and V. Marshall. 29
Ganne, J. M. — Speculand, Mayne and Goss. Inferential Therapy to Promote Union of Manibular Fractures. 81
Garcia-Webb, P. — (*See* Ingram, D. M.) 466
Gastric Ulcer — (*See also* Ulcer, Gastric)
Gastroduodenal Artery — (*See also* Hypertension, Portal)
Gastroenterology — Sixth Asian-Pacific Congress of, Auckland, New Zealand. Feb. 10 to 14, 1980. Notice. 496
Gastrointestinal Bleeding — (*See also* Bleeding)
Gastrointestinal Complications — (*See also* Renal Transplantation)
Gastroschisis — Management of, The, by S. T. Ho and I. S. Reid. 470
Gee, D. C. — (*See* Thompson, J. F.) 317
Gibson, E. W. — Subcutaneous Mastectomy Using An Inferior Nipple Pedicle. 559
Gillespie, W. J. — Hypercalcaemia in Paget's Disease of Bone. 84
Gilmour, W. N. — (*See* Hulbert, J.) 76
Glissan Prize — Notice. 495
..... 746
Goldberg, S. M. — (*See* Nivatvongs, S.) 109
Golinger, D. — (*See* Hulbert, J.) 76
Gordon Bell Memorial Lecture — The Science and Surgery, by R. B. Welbourn. 179
Gordon Craig Library — New Books Acquired for Period:—
June 1, to September 30, 1978. 163
October 1, 1978 to January 31, 1979. 383
February 1, to May 31, 1979. 596
Goss, A. N. — (*See* Ganne, J. M.) 81
Gough, I. R. —
and Finnimore.
Transplantation of Organ Cultured Rat Parathyroids. 716
(*See* Wynne, J. M.) 473
Goulston, K. J. — Bassett and Dent. Colorectal Cancer: Explicit Criteria Auditing. 49
Grafts — (*See also* Bypass)
Graham, A. R. — (*See* Annetts, D. L.) 588
Gray, E. — (*See* Ham, J. M.) 441
Green, M. D. — MacKay, Buckley and Coates. The Survival of Patients With Malignant Melanoma Receiving BCG With or Without Chemotherapy. 335
Greig, M — (*See* Piper, D. W.)
Griffiths, A. B. — Fletcher and Morris. Lymphocele After Renal Transplantation 626
Griffiths, E. R. — Severe Injuries to the Cervical Cord and Spine: Neurosurgical Management in the Acute and Early Stage. 486
Grossbard, G. D. — and Love. Femoral Nerve Block: A Simple and Safe Method of Instant Analgesia for Femoral Shaft Fractures in Children. 592
Gut —
(*See also* Ischaemia)
(*See also* Peptides)

H

Hadgis, C. — (*See* Stewart, G. R.) 459
Hadlow, V. — Congenital Pseudarthrosis of the Ulna. A Case Report. 100
Haemangiopericytoma — Problems in Diagnosis

and Management, by H. S. Saw and K. Prathap. 350
Haematoma — Subdural, Interhemispheric, Following Head Injury, by M. R. Fearnside, K. Hall and R. P. Sengupta. 678
Haemodialysis — (*See also* Polytetrafluoroethylene (PTFE) Grafts)
Haemophilia — Multiple Joint Procedures, The Performance of, At One Operation in a Patient With, by A. G. Rothwell and J. M. Faed..... 476
Haemorrhoidectomy — Flap, The Technique of Advancement, by S. Sakker. 116
Hall, K. — (*See* Fearnside, M. R.) 678
Ham, J. — (*See* Rose, M.) 134
Ham, J. M. — and Gray. Work Loads of a Sample of General Surgeons in N.S.W. 441
Hansky, J. —
(*See* Hunt, P.S.) 15
(*See* King, R. W.) 129
(*See* Stern, A. I.) 13
Hardie, I. R. — (*See* Meech, P. R.) 621
..... 629
Hardy, K. J. — (*See* Shulkes, A. A.) 701
Hare, W. S. — (*See* Hueston, J. T.) 564
Harker, G. J. — (*See* Stephens, F. O.) 331
Harris, J. —
and May. A comparison Between Saphenous Vein and Dacron Velour Grafts for Femoropopliteal Bypass. 211
(*See* May, J.) 639
Hartley, L. C. — (*See* Meech, P. R.) 621
..... 629
Head — Injuries, In a General Surgical Unit, by S. C. So, G. Choa and G. B. Ong. 446
Head Injury — (*See also* Haematoma)
Heparin — (*See also* Mesenteric Artery Embolus)
Hepatic — Uptake and Excretion, Of Substances in the Conscious Pig, A Technique for the Chronic Study of, by M. Rose and J. Ham. ... 134
Hepatic Duct — Common, Spontaneous Perforation of the, A New Presentation, by J. J. Fisher and G. J. Leslie. 580
Herniation — Intercostal, Of Abdominal Contents Following a Penetrating Chest Injury, by D. M. Francis and W. C. Barnsley. 357
Herron, J. — Total Management of the Patient. . 521
Hill, D. A. — Lord and Tracy. A Comparison of Proximal With Distal Arterial Reconstruction in the Treatment of Advanced Lower Limb Ischaemia. 643
Hillman, H. S. — (*See* Stern, A. I.) 13
Hip — Problems, In a Battered Child: A Case Report, by I. J. MacFarlane. 107
Hip Rotation — (*See also* Gait)
Hirst, G. H. — (*See* Meech, P. R.) 629
Ho, S. T. — and Reid. The Management of Gastroschisis. 470
Holmes, A. — and Carlisle. Axial Muscle and Myocutaneous Flaps; A Recent Concept in Wound Closure. 531
Holt, J. — (*See* Theile, D. E.) 62
Horvath, J. S. — (*See* Sheil, A. G.) 617
House, A. K. —
Brooks, Woodman and Sheil.
A comparison of Flushing Fluids for Initial Perfusion of Kidneys for Transplantation. 705
and Ingram
Mesenteric-cervical Vascular Anastomosis as an Adjunct to Oesphageal Bypass Surgery for Carcinoma. 480
(*See* Hulbert, J.) 76
(*See* Ingram, D. M.) 466
Hueston, J. — Breast Reconstruction After Mastectomy. 501
Hueston, J. T. —
and Hare.
Rupture of Subpectoral Prostheses During Closed Compression Capsulotomy. 564
(*See* Ackland, T. H.) 551
Hugh, T. B. — (*See* O'Connor, T. W.) 253
Hughes, E. S. — and Bennett. Carcinoma of the Large Intestine. 291
McDermott and Masterton —
Delayed diagnosis of Carcinoma of the Rectum and Sigmoid. 432
Ileostomy Reconstruction in Inflamatory Bowel Disease. 361
McDermott, White and Masterton.
Cephaloridine Prophylaxis in Resection of the Large Intestine. 434
(*See* Polglase, A. L.) 111
..... 696
Hulbert, J. — Brockis, Gilmour, Golinger, House and Van Merwyk. Orthopaedic Problems of Renal Transplantation. 76
Hunt, D. R. — Changes in Liver Blood Flow With Development of Biliar Obstruction in the Rat. 733
Hunt, P. S. —
Dowling, Korman and Hansky. Bleeding Stomal Ulceration. 15
(*See* Stern, A. I.) 13
Hurst, R. — (*See* Stewart, G. R.) 459
Hydatid Cyst — Pulmonary, A 25-year Experience, by W. J. Perianayagam, E. Freitas, S. S. Sharma, S. Mulalidharan, P. S. Jairaj and S. John. 450
Hypercalcaemia — In Paget's Disease of Bone, by W. J. Gillespie. ..... ""
Hypertension — Portal, Due to Arteriovenous Fistula of the Gastroduodenal Artery, by F. Meah and O. Yahaya. 89

I

Ileal Loop — Subcutaneous, The Effects of Experimental division of the Vascular Pedicle of a Transposed, by S. T. Lim, J. Wong, K. H. Lam and G. B. Ong. 138
Ileostomy —
Reconstruction, by D. Failes, M. Killingback, M. Stuart, C. DeLuca and C. Riley. 340
In Inflammatory Bowel Disease, by E. S. Hughes, F. T. McDermott and J. P. Masterton. 361
Immunological Suppression — Antilymphocytic Serum, Bone Marrow Infusion, The Combined Use of, and, in, by D. T. Caridis. 709

Incontinence — Anal, The Surgical Treatment of, by D. Failes, M. Killingback, M. Stuart and C. De Luca. 345
Infective Hazards — (*See also* Splenectomy)
Ingram, D. M. —
House and Garcia-Webb.
Postoperative Pancreatitis as a Complication of Biliary Surgery. 466
(*See* House, A. K.) 480
International Confederation for Plastic and Reconstructive Surgery. Third Congress of Asian-Pacific Section. Notice 746
Intestine —
Large, Resection of the Cephaloridine Prophylaxis in, by E. S. Hughes, F. T. McDermott, A. White and J. P. Masterton. 434
(*See also* Carcinoma)
Intrauterine Contraceptive Device — (*See also* Pelvic Actinomycosis)
Isaacs, G. W. — (*See* Rozner, L.) 261
Isbister, W. H. —
(*See* Emanuel, J. C.) 95
(*See* Turnbull, P. R.) 45
Ischaemia —
Advanced, Lower Limb,
A Comparison of Proximal With Distal Arterial Reconstruction in The Treatment of, by D. A. Hill, R. S. Lord and G. D. Tracy. 643
Chronic, Gut —
A Method for the Operative Treatment of, of the, by B. Catchpole. 687
Iseli, A. — and Marshall. Retained Gallstones: The Choice of the Method of Management. .. 29

J

Jairaj, P. S. — (*See* Perianayagam, W. J.) 450
James, R. J. — Psychiatric Aspects of Mastectomy. 519
Jamieson, A. C. — Thomas and Cade. Lysis of a Superior Artery Embolus Following Local Infusion of Streptokinase and Heparin. 355
Jaw — (*See also* Sarcomas)
Jejunal Replacement — (*See also* Duodenum)
John, S. — (*See* Perianayagam, W. J.) 450
Johnson, A. G. — (*See* Williams, R. S.) 659
Johnson, J. R. — (*See* Sheil, A. G.) 617
Joint Procedures — Multiple (*See also* Haemophilia)

K

Kang, J. Y. — (*See* Piper, D. W.) 19
Katariya, R. N. — (*See* Rao, P. L.) 99
Keast, P. J. — (*See* Rozner, L.) 261
Kelly, G. E. — (*See* Sheil, A. G.) 617
Kelso, I. McN. — (*See* Smith, D. H.) 586
Kennard, C. H. — (*See* Burnett, W.) 131
Keratoacanthoma — Another Look at, by B. K. Rank and P. L. Dixon. 654
Kidman, D. J. — and Moston. Easier Operative Cholangiography. 263
Kidney — Proximal Tubular Adenoma of the, by D. Weedon, A. J. Splatt and A. W. Moore. . 250
Kidneys — Perfusion of, For Transplantation, A Comparison of Flushing Fluids for Initial, by A. K. House, A. J. Brooks, K. Woodman and A. G. Sheil. 705
Killingback, M. —
Lower Anterior Resection. 52
(*See* Chapius, P.) 363
(*See* Failes, D.) 66
..... 72
..... 340
..... 345
Kincaid-Smith, P. — (*See* Woo, K. T.) 613
King, P. —
The Pattern of Injury in Motor Cycle Accidents in a Country Area. 207
and Smart. Caecal Herniation Through the Foramen of Winslow. 582
King, R. W. — Korman, Taggart and Hansky. The Protective Effect of Cimetidine on Stress-induced Acute Gastric Ulceration in the Rat. . 129
Kirov, S. M. — Shepherd and Donald. Intra-operative and Post-operative Changes in Peripheral White Blood Cell Counts: The Contribution of Stress. 738
Kitchen, P. R. — Andrews, Buckley, Russell, Lichtenstein, McLean and Forbes. An Analysis of Bone Scintigraphy in Early (Operable) Breast Cancer. 313
Kneale, B. L. — The Current Status of Surgery for Endometrial Carcinoma: Facts and Fantasy. .. 327
Korman, M. G. —
(*See* Hunt, P. S.) 15
(*See* King, R. W.) 129
(*See* Stern, A. I.) 13
Kune, G. A. — Bile Duct Injury During Cholecystectomy: Causes, Prevention and Surgical Repair in 1979. 35

L

Lacour, J. — (*See* Renwick, S.) 369
Lam, K. H. —
Wong, Lim and Ong.
Acute Suppurative Cholecystitis: A Retrospective Study of 173 Cases. 23
Primary Sarcomas of the Jaw. 668
(*See* Lim, S. T.) 138
(*See* Ong, G. B.) 573
Lane, R. J. — and Crocker. Operative Ultrasonic Bile Duct Scanning. 454
Lau, J. — (*See* Ma, D. D.) 247
Lee, D. E. (*See* Dobbs, B. R.) 729
Leggett, C. A. C. — General Factors in Post-Mastectomy Reconstruction. 521
Leslie, G. J. — (*See* Fisher, J. J.) 580
Levant, B. A. — (*See* Field, P. L.) 244
Lichtenstein, M. — (*See* Kitchen, P. R.) 313
Lim, S. T. —
Wong, Lam and Ong.
The Effects of Experimental Division of the Vascular Pedicle of a Transposed Subcutaneous Ileal Loop. 138

(*See* Lam, K. H.) 23
..... 668
(*See* Ong, G. B.) 573
Little, J. M. —
and Stephen
The Selection of Patients for Vascular Surgery. 177
(*See* Fletcher, J. P.) 219
(*See* Stewart, G. J.) 492
(*See* Thompson, J. F.) 317
Liver Blood Flow — Changes in, With Development of Biliary Obstruction in the Rat, by D. R. Hunt. 733
Liver Perfusion — Isolated, Choice of Anaesthetic, The, by B. R. Dobbs, J. N. Baxter, B. C. Galland and D. E. Lee. 729
Loewenthal, J. — (*See* Fletcher, J. P.) 219
(*See* Stewart, G. R.) 459
Loewenthal, Sir John — Surgical Science, The Contributions of, to, by G. D. Tracy. 607
Lord, R. S. — (*See* Hill, D. A.) 643
Love, B. R. — (*See* Grossbard, G. D.) 592
Lump Versus Tylos — by 'Meandos'. 378
Lymphoma Malignant — (*See also* Colitis, Ulcerative) .....
Lymphocele — Renal Transplantation, After, by A. B. Griffiths, E. W. Fletcher and P. J. Morris. 626

M

Ma, D. D. — Chang, Concannon and Lau. Aortic Valve Replacement in a Patient With Von Willebrand's Disease. 247
McComb, H. — The Structure and Function of the Burns Unit at the Royal Perth Hospital. 416
McDermott, F. T. — (*See* Hughes, E. S.) 361
..... 432
..... 434
MacFarlane, I. J. — Hip Problems in a Battered Child: A Case Report. 107
McGregor, B. W. — (*See* Fletcher, D. R.) 479
McIntosh, J. — (*See* Piper, D. W.) 19
MacKay, I. R. — (*See* Green, M. D.) 335
McLean, K. — (*See* Kitchen, P. R.) 313
MacLeod, A. M. — O'Brien and Morrison. Microvascular Techniques in Reconstruction Following Major Resections for Cancer of the Head and Neck. 648
McNeur, J. C. — Orthopaedics; Specialities and Registries. 2
MacPherson, J. G. — (*See* Pheils, M. T.) 663
Mahoney, J. F. — (*See* Sheil, A. G.) 617
Mallory-Weiss Lesion — (*See also* Bleeding)
Manibular Fractures — (*See also* Fractures, Manibular)
Mann, A. — Jejunal Replacement of the Second Part of the Duodenum Following Severe Trauma. 92
Mannell, A. — Primary Isolated Extramedullary Plasmacytoma of the Duodenum. 577
Marshall, D. R. — Breast Reconstruction With a Custom-made Prosthesis. 523
Marshall, V. — (*See* Iseli, A.) 29
Marshall, V. C. — (*See* Thomson, N. M.) 608
Mastectomy —
Breast Cancer, Surgical Pathology of, The In Relation to Reconstruction After, by C. M. Furnival. 561
Breast Reconstruction After, by J. Hueston. .. 501
Dog-ear Flap for Reconstruction of the Breast Cone Following, by A. J. Emmett. 526
Post, Reconstruction, General Factors in, by C. A. C. Leggett. 521
Psychiatric Aspects of, by R. J. James. 519
Reconstructive Surgery, Indications for, Following, For Breast Cancer, by D. N. Robinson. 522
Subcutaneous —
Indications and Techniques, by T. H. Ackland, J. T. Hueston, and T. H. Robbins. 551
Using an Inferior Nipple Pedicle, by E. W. Gibson. 559
Surgical Pathology of Breast Cancer in Relation to Reconstruction After, by C. M. Furnival. . 520
Masterton, J. P. —
Progress in Burns Care. 391
(*See* Hughes, E. S.) 361
..... 432
..... 434
(*See* Polglase, A. L.) 111
..... 696
Maxillary Artery — (*See also* Aneurysm)
May, J. —
Harris and Patrick. Polytetrafluoroethylene (PTFE) Grafts for Haemodialysis: Patency and Complications Compared With Those of Saphenous Vein Grafts. 639
(*See* Fletcher, J. P.) 219
(*See* Harris, J.) 211
May-Levin F. — (*See* Renwick, S.) 369
Mayne, L. H. — (*See* Ganne, J. M.) 81
Meah, F. — and Yahaya. Portal Hypertension Due to Arteriovenous Fistula of the Gastroduodenal Artery. 89
'Meandos' —
Lump Versus Tylos. 378
Surgical Education. 125
Meech, P. R. —
Hardie, Hartley, Strong and Clunie. Gastrointestinal Complictions Following Renal Transplantation. 621
Hardie, Hartley, Strong, Woodruff, Hirst and Clunie. Further Experience With an External Ureterovesical Anastomosis in Renal Transplantation. 629
Melanoma —
Malignant, The Survival of Patients with, Receiving BCG With or Without Chemotherapy, by M. D. Green, I. R. MacKay, J. C. Buckley and A. S. Coates. 335
Metastatic, Cerebral, Presenting as Spastic Paraparesis, by G. Stuart and G. Merry. 676
Merry, G. — (*See* Stuart, G.) 676
Mesenteric Artery Embolus — Superior, Lysis of a,

Following Local Infusion of Streptokinase and Heparin, by A. C. Jamieson, R. J. Thomas and J. F. Cade. 355
Methylmethacrylate — (*See also* Tumours, Giant Cell)
Millar, K. J. — The Impact of a New Operating Theatre Suite on Surgical Wound Infections. 437
Mitchell, R. E. — Mitchell, Shugg and Wyld. The Prognosis of Breast Cancer Based on Histological Assessment. 305
Mitchell, R. M. — (*See* Mitchell, R. E.) 305
Mok, C. K. — (*See* Nandi, P.) 489
Moore, A. R. — Cancer that Can't Be Cured. ... 290
Moore, A. W. — (*See* Weedon, D.) 250
Morris, P. J. — Progress in Renal Transplantation. 603
(*See* Griffiths, A. B.) 626
Morris, T. — Retardation of Healing of Large-Bowel Anastomoses by 5 - Fluorouracil. 743
Morrison, W. A. — (*See* MacLeod, A. M.) 648
Moston, R. W. — (*See* Kidman, D. J.) 263
Motor Cycle Accidents — The Pattern of Injury in, In a Country Area, by P. King. 207
Motor Cycle Injuries — The Pattern of, Sustained by Motor Cyclists in Victoria in 1974 and 1975, by G. W. Trinca and B. J. Dooley. 203
Mulalidharan, S. — (*See* Perianayagam, W. J.) .. 450
Murley, R. — The George Adlington Syme Oration: The Ethics and Economies of Excellence. 394
Murray, James Patrick — The Colonial Career of, by R. Elmslie. 154
Myers, K. A. — (*See* Devine, T. J.) 215
Myocardial Infarct — Imaging, After Cardiac Surgery, by F. Panetta, C. C. Wong, L. M. Dugdale, A. T. Wan, G. R. Stirling, S. T. Andersom and A. Pitt. 228
Myocardial Metabolism — (*See also* Cardiopulmonary Bypass)
Myocutaneous Flaps — (*See also* Wound Closure)

N

Nash, T. — Aortoiliac Occlusive Vascular Disease. A Prospective Study of Patients Treated by Endarterectomy and Bypass Procedures. 223
Nandi, P. — Mok and Ong. Y Incision for Median Sternotomy. 489
Neurosurgery —
Trauma and Training in, by G. M. Bedrook. .. 359
Reply, by T. A. Dinning. 360
Newing, R. K. — Pribaz, Bennett and Buls. Omental Transposition and Skin Graft in the Management of Chest Wall Recurrence of Carcinoma of the Breast. 546
Newland, R. C. — (*See* Pheils, M. T.) 663
Nivatvongs, S. — and Goldberg. A Technique of Anastomosing Bowel Ends With Discrepancy in Size. 109
North, J. B. — and Brophy. Epidural Abscess: A Hazard of Spinal Epidural Anaesthesia. 484

O

O'Brien, B. McC. —
The Henry Windsor Lecture: Part 1, The Life of Henry Windsor. 400
Part 2, The Contributions of Microvascular Surgery to Medicine. 403
(*See* MacLeod, A. M.) 648
O'Brien, M. D. — (*See* Field, P. L.) 244
Obstruction, Malignant — (*See also* Oesophagus)
O'Connor, T. W. — and Hugh. Abdominal Drainage: A Clinical View. 253
Oesophagus — Malignant Obstruction of the, Salvage Operations for, by G. B. Ong, K. H. Lam, S. T. Lim and J. Wong. 573
Omental Transposition — (*See also* Carcinoma, Breast)
Ong, G. B. —
Lam, Lim and Wong. Salvage Operations for Malignant Obstruction of the Oesophagus. . 573
(*See* Lam, K. H.) 23
..... 668
(*See* Lim, S. T.) 138
(*See* Nandi, P.) 489
(*See* So, S. C.) 446
Orbit — Post-traumatic, Vascular Malformations of the, by T. J. Connelley. 236
Orr, K. B. — Spontaneous External Biliary Fistula. 584
Orthopaedic — Problems of Renal Transplantation, by J. Hulbert, J. G. Brockis, W. N. Gilmour, D. Golinger, A. K. House and A. Van Merwyk. 76
Orthopaedics —
Specialities and Registries, by J. C. McNeur. . 2
(*See also* Russell, Hamilton)

P

Paget's Disease — (*See also* Hypercalcaemia)
Pain Syndromes, Post-traumatic — (*See also* Causalgia)
Pancreatitis —
Postoperative, As a Complication of Biliary Surgery, by D. M. Ingram, A. K. House and P. Garcia-Webb. 466
(*See also* Cysts, Intrapancreatic)
Panetta, F. — Wong, Dugdale, Wan, Stirling, Anderson and Pitt. Myocardial Infarct Imaging After Cardiac Surgery. 228
Papua New Guinea — University, Medical Library, An Appeal for Help. 279
Parathyroids — Transplantation of Organ Cultured Rat, by I. R. Gough and M. Finnimore. 716
Patient — Management, Total, of the, by J. Herron. 521
Patrick, W. — (*See* May, J.) 639
Payne, J. E. — (*See* Pheils, M. T.) 663
Pedicle, Vascular — (*See also* Ileal Loop)
Pelvic Actinomycosis — Intrauterine Contraceptive Device, In Association With an, by D.H. Smith, J. A. Fryer and I. McN. Kelso. 586
Peptides — Gut and Brain, of the: An Introduction, by A. A. Shulkes and K. J. Hardy. 701
Perforation, Spontaneous — (*See also* Hepatic

Duct)
Perianayagam, W. J. — Freitas, Sharma, Mulalidharan, Jairaj and John. Pulmonary Hydatid Cyst: A 25-year Experience. 450
Pheils, M. T. —
Mechanical suturing. 1
Chapuis, Thomson, Payne, Newland and MacPherson. A Pattern of Local Recurrence Following Resection of Colorectal Cancer. . 663
Piper, D. W. — Thomas, Greig, Kang and McIntosh. A Review of Observations on Chronic Gastric Ulcer Patients in Australia. 19
Pitt, A. — (*See* Panetta, F.) 228
Plasmacytoma — Primary Extramedullary, Isolated, Of the Duodenum, by A. Mannell. ... 577
Pneumoperitoneum — (*See also* Diaphragm)
Polglase, A. L. —
Hughes, Masterton and Cunningham. Purse String Placement for Staple Anastomosis Using the End-to-end Anastomosis Stapling Instrument. 696
Hughes, Masterton and Waxman. The Auto-suture Surgical Stapling Instruments: Preliminary Experience. 111
Polytetrafluoroethylene —
(*See also* Reconstruction, Arterial)
(PTFE) Grafts, Haemodialysis, for, Patency and Complications Compared With Those of Saphenous Vein Grafts, by J. May, J. Harris and W. Patrick. 639
Prathap, K. — (*See* Saw, H. S.) 350
Pribaz, J. J. — (*See* Newing, R. K.) 546
Prolapse — Rectal, by D. Failes, M. Killingback, M. Stuart and C. de Luca. 72
Prostheses —
Subpectoral, Rupture of, During Closed Compression Capsulotomy, by J. T. Hueston and S. C. Hare. 564
Custom-made, Breast Reconstruction With a, by D. R. Marshall. 523
Proximal Tubular Adenoma — (*See also* Kidney)
Pseudarthrosis — Congenital, Of the Ulna: A Case Report, by V. Hadlow. 100
Psychiatric Aspects — (*See also* Mastectomy)

R

R.A.C.S. Foundation, The, by R. C. Bennett. 502
Ragazzon, R. — (*See* Ryan, P.) 200
Rank, B. K. — and Dixon. Another Look at Keratoacanthoma. 654
Rao, B. K. — (*See* Chari, P. R.) 105
Rao, P. L. — Chary and Katariya. Intrarectal Dermoid: Report of a Case. 99
Rao, Y. V. — (*See* Chari, P. R.) 105
Reconstruction —
Arterial, With Polytetrafluoroethylene: A Preliminary Report, by J. P. Fletcher, J. M. Little, J. Loewenthal, J. May, A. G. Sheil and M. Stephen. 219
Distal Arterial (*See also* Ischaemia)
(*See also* Cancer, Head and Neck)
Rectal Prolapse — (*See also* Prolapse, Rectal)
Rectum — (*See also* Carcinoma)
Rectus Abdominis Myocutaneous Flap — (*See also* Breast, Reconstruction)
Reid, I. S. — (*See* Ho, S. T.) 470
Renal Artery Stenosis — Transplant, by K. T. Woo, C. K. Yeung, A. J. D'Apice and P. Kincaid-Smith. 613
Renal Transplantation —
Anastomosis, External Ureterovesical, in Further Experience With an, by P. R. Meech, I. R. Hardie, L. C. Hartley, R. W. Strong, P. W. Woodruff, G. H. Hirst and G. J. Clunie. 629
Complications of, The, by G. Clunie. 605
Gastrointestinal Complications Following, by P. R. Meech, I. R. Hardie, L. C. Hartley, R. W. Strong and G. J. Clunie. 621
Living, Related, Experience in 22 Cases, by N. M. Thomson, D. F. Scott, V. C. Marshall and R. C. Atkins. 608
Progress in, by P. J. Morris. 603
Vascular Surgeon's Approach to, A, by P. L. Field. 633
(*See also* Cancer)
(*See also* Lymphocele)
Renwick, S.
Anticancer Centres in France. 374
Surgical Training in France. 126
Contesso, Lacour, May-Levin and Sarrazin. The Treatment of Breast Cancer in a French Anti-Cancer Centre. 369
Research, Data Needs — (*See also* Road Trauma)
Research, Epidemiological — (*See also* Road Trauma)
Resection —
Elective, For Diverticular Disease, by D. Failes, M. Killingback, M. Stuart and C. de Luca. .. 66
Low Anterior, by M. Killingback. 52
(*See also* Carcinoma, Large-bowel)
Richardson, J. P. — and Baker. Coronary Haemodynamics and Myocardial Metabolism During Cardiopulmonary Bypass. 721
Riley, C. — (*See* Failes, D.) 340
Road Safety — The Involvement of the College in, by A. W. Beasley. 169
Road Trauma —
Abdominal Injuries in Survivors of, Before and Since Seat Belt Legislation in Victoria, by P. Ryan and R. Ragazzon. 200
Data Needs, by E. C. Wigglesworth. 176
For Research, by E. C. Wigglesworth. 191
The Need for Epidemiological Research in, by E. C. Wigglesworth. 187
Today and the Future, by G. Trinca. 171
Robbins T. H. —
Rectus Abdominis Myocutaneous Flap for Breast Reconstruction. 527
(*See* Ackland, T. H.) 551
Roberts, B. A. — (*See* Stephens, F. O.) 331
Roberts, G. — (*See* Burnett, W.) 131
Roberts-Thomson, I. C. — Intrapancreatic Cysts Associated With Relapsing Pancreatitis. 41
Robinson, D. N. — Indications for Reconstructive Surgery Following Mastectomy for Breast

Cancer. 522
Rose. M. — and Ham. A Technique for the Chronic Study of the Hepatic Uptake and Excretion of Substances in the Conscious Pig. 134
Rothwell, A. G. — and Faed. The Performance of Multiple Joint Procedures at One Operation in a Patient with Haemophilia. 476
Rozner, L. — Keast and Isaacs. The Anaesthetic of Choice for Aesthetic Head and Neck Surgery. 261
Rupture, Traumatic — (*See also* Diaphragm)
Russell, I. S. — (*See* Kitchen, P. R.) 313
Russell, Hamilton — Memorial Lecture Preserved Through the Medium : Art and the History of Orthopaedics, by A. W. Beasley. 504
Ryan, M. D. — (*see* Taylor, T. K.) 122
Ryan, P. — and Ragazzon. Abdominal Injuries in Survivors of Road Trauma Before and Since Seat Belt Legislation in Victoria. 200

S

Sakker, S. — The Technique of Advancement Flap Haemorrhoidectomy. 116
Saphenous Vein Grafts — (*See also* Polytetrafluoroethylene (PTFE) Grafts)
Sarcomas — Primary, Jaw, of the, by K. H. Lam, J. Wong, S. T. Lim and G. B. Ong. 668
Sarrazin, D. — (*see* Renwick, S.) 369
Saw, H. S. —
and Prathap. Haemangiopericytoma: Problems in Diagnosis and Management. 350
Yar and Sivanesan. Aneurysm of the Right Subclavian Artery: An Unusual Cause of Superior Vena Caval Obstruction. 241
Scientist — Surgical, Who Shall He Be, How Should He Be Trained, and What Must He Do? The, by R. C. Burton and P. S. Russell. 681
Scott, D. F. —
(*See* Devine, T. J.) 215
(*See* Thomson, N. M.) 608
Schmidt, G. T. — (*See* Stern, A. I.) 13
Science — Fact and Value Judgement in, by M. J. Whitten. 293
Selecki, B. R. — Severe Injuries to the Cervical Cord and Spine: Neurosurgical Management in the Acute and Early Stage. 267
Reply. 487
Sengupta, R. P. — (*See* Fearnside, M. R.) 678
Sharma, S. S. — (*See* Perianayagam, W. J.) 450
Sheil, A. G. —
Mahoney, Horvath, Johnson, Tiller, Kelly and Stewart. Cancer Following Renal Transplantation. 617
(*See* Fletcher, J. P.) 219
(*See* House, A. K.) 705
Shepherd, J. J. —
Attached to Sternomastoid? 704
(*See* Kirov, S. M.) 738
Shoulder — (*See also* Contracture)
Shugg, D. — (*See* Mitchell, R. E.) 305
Shulkes, A. A. — and Hardy. Peptides of the Gut and Brain: An Introduction. 701
Sigmoid — (*See also* Carcinoma)
Simpson, J. S. — A Personal View: The R.A.C.S. Foundation. 683
Skin Flaps — (*See also* Breast, Reconstruction)
Skin Graft — (*See also* Carcinoma, Breast)
Sivanesan, S. — (*See* Saw, H. S.) 241
Smart, R. — (*See* King, P.) 582
Smith, D. H. — Fryer and Kelso. Pelvic Actinomycosis in Association With an Intrauterine Contraceptive Device. 586
So, S. C. — Choa and Ong. Head Injuries in a General Surgical Unit. 446
Soleus — Accessory, The, by A. W. Beasley. ... 86
Spastic Paraparesis — (*See also* Melanoma)
Speculand, B. — (*See* Ganne, J. M.) 81
Spinal Injuries — An Opportunity, by G. Bedbrook. 173
Spine — (*See also* Cervical Cord)
Splatt, A. J. — (*See* Weedon, D.) 250
Splenectomy — Infective Hazards of, The, by G. J. Stewart and J. M. Little. 492
Stapling Instrument — Anastomosis, Purse String Placement for Staple Anastomosis Using the End-to-end, by A. L. Polglase, E. S. Hughes, J. P. Masterton and I. G. Cunningham. 696
Stapling Instruments — Surgical, Autosuture, The: Preliminary Experience, by A. L. Polglase, E. S. Hughes, J. P. Masterton and B. P. Waxman. .. 111
Stephen, M. —
(*See* Fletcher, J. P.) 219
(*See* Little, J. M.) 177
Stephens, F. O. — Harker, Dickinson, and Roberts. Preoperative Basal Chemotherapy in the Management of Cancer of the Stomach: A Preliminary Report. 331
Stern, A. I. — Korman, Hunt, Hansky, Hillman and Schmidt. The Mallory-Weiss Lesion as a Cause of Upper Gastointestinal Bleeding. 13
Sternomastoid — Attached to, by J. J. Shepherd. 704
Sternotomy — Median, Y Incision for, by P. Nandi, C. K. Mok and G. B. Ong. 489
Stewart, G. J. — and Little. The Infective Hazards of Splenectomy. 492
Stewart, G. R. — Hurst, Hadgis and Loewenthal. Rubber Sump Drainage of Enterocutaneous Fistulae. 459
Stewart, J. H. — (*See* Sheil, A. G.) 617
Stirling, G. R. — (*See* Panetta, F.) 228
Stomal Ulceration — (*See also* Bleeding)
Streptokinase — (*See also* Mesenteric Artery Embolus)
Stress — (*See also* Blood Cell Counts)
Strong, R. W. — (*See* Meech, P. R.) 621
..... 629
Stuart, G. — and Merry. Cerebral Metastic Melanoma Presenting as Spastic Paraparesis. 676
Stuart, M. —
(*See* Failes, D.) 66
..... 72
..... 340
..... 345
Superior Vena Caval — (*See also* Aneurysm)
Sump Drainage — Rubber, Enterocutaneous

Fistulae, by G. R. Stewart, R. Hurst, C. Hadgis and J. Loewenthal. 459
Surgical Research Society of Australasia — Proceedings of the. 145
Sutherland, H. D. — The College and Surgical Manpower. 392
Suturing — Mechanical by M. T. Pheils. 1
Syme, George Adlington — Oration, The: The Ethics and Economies and Excellence, by R. Murley. 394

T

Taggart, G. J. — (*See* King, R. W.) 129
Taylor, T. K. — and Ryan. A Simplified Surgical Approach for Lumbar Disc Excision. 122
Theile, D. E. — Cohen, Holt and Davis. Mortality and Complications of Large-bowel Resection for Carcinoma. 62
Thomas, J. H. — (*See* Piper, D. W.) 19
Thomas, R. J. — (*See* Jamieson, A. C.) 355
Thompson, J. E. — The Diagnosis and Management of Post-Traumatic Pain Syndromes (Causalgia). 299
Thompson, J. F. — Gee and Little. The Carcinoid Tumour. 317
Thomson, A. A. — (*See* Pheils, M. T.) 663
Thomson, N. M. — Scott, Marshall and Atkins. Living Related Renal Transplantation: Experience in 22 Cases. 608
Ti, T. K. — Inflammatory Diseases of the Bowel: A Malaysian Experience. 428
Tibia — (*See also* Tumours, Giant Cell)
Tiller, D. J. — (*See* Sheil, A. G.) 617
Tracy, G. D. —
The Contributions of Sir John Loewenthal to Surgical Science. 607
(*See* Hill, D. A.) 643
Training — Surgical, In France, by S. Renwick. . 126
Transplantation —
(*See also* Kidneys)
(*See also* Parathyroids)
(*See also* Orthopaedic)
Trauma — Australia, Some Features of, in, by E. C. Wigglesworth. 4
Tress, B. M. — (*See* Field, P. L.) 244
Trinca, G. —
Getting the Evidence and Using It to the Best Advantage. 196
Road Trauma — Today and the Future. 171
and Dooley. The Pattern of Motor Cycle Injuries Sustained by Motor Cyclists in Victoria in 1974 and 1975. 203
Tumours — Giant Cell, The Use of Methylmethacrylate in the Treatment of, of the Proximal Tibia, by S. Baddeley and J. C. Cullen. 120
Turnbull, P. R. — and Isbister. Colorectal Cancer in New Zealand: A Wellington Study. 45

U

Ulcer — Gastric, A Review of Observations on Chronic Patients in Australia, by D. W. Piper, J. H. Thomas, M. Greig, J. Y. Kang and J. McIntosh. 19
Ulceration — Gastric, Acute, The Protective Effect of Cimetidine on Stress-induced, in the Rat, by R. W. King, M. G. Korman, G. J. Taggart and J. Hansky. 129
Ulna — (*See also* Pseudarthrosis)
Ultrasonic — Scanning, Bile Duct, Operative, by R. J. Lane and E. F. Crocker. 454
Urinary Calculus — Formation on Blood Clot: Report on a Case, by D. R. Fletcher and B. W. McGregor. 479

V

Vagotomy — Intraoperative Test, For the Completeness of, Evaluation of an, by R.S. Williams and A. G. Johnson. 659
Van Merwyk, A. — (*See* Hulbert, J.) 76
Vascular Disease — Aortoiliac, Occlusive, A Prospective Study of Patients Treated by Endarterectomy and Bypass Procedures, by T. Nash. 223
Vascular Surgery — The Selection of Patients for, by J. M. Little and M. Stephen. 177
Von Willebrand's Disease — (*See also* Aortic Valve)

W

Wan, A. T. — (*See* Panetta, F.) 228
Watts, J. McK. — (*See* Down, R. H.) 379
Waxman, B. P. — (*See* Polglase, A. L.) 111
Weedon, D. — Splatt and Moore. Proximal Tubular Adenoma of the Kidney. 250
Welbourn, R. B. — Science and Surgery: The Gordon Bell Memorial Lecture. 179
White, A. — (*See* Hughes, E. S.) 434
Whitehead, R. — (*See* Down, R. H.) 379
Whitten, M. J. — Fact and Value Judgement in Science. 293
Wigglesworth, E. C. —
Data Needs for Research in Road Trauma. ... 191
The Need for Epidemiological Research in Road Trauma. 187
Road Trauma: Data Needs. 176
Some Features of Trauma in Australia. 4
Williams, R. S. — and Johnson. Evaluation of an Intraoperative Test for the Completeness of Vagotomy. 659
Windsor, Henry —
Lecture: Part 1, The Life of Henry Windsor, by B. McC. O'Brien. 400
Part 2, The Contributions of Microvascular Surgery to Medicine, by B. McC. O'Brien. .. 403
Winslow, Foramen of — (*See also* Caecal Herniation)
Wong, C. C. — (*See* Panetta, F.) 228
Wong, J. —
(*See* Lam, K. H.) 23
..... 668
(*See* Lim, S. T.) 138
(*See* Ong, G. B.) 573

Woo, K. T. — Yeung, D'Apice and Kincaid-Smith. Transplant Renal Artery Stenosis. 613
Woodman, K. — (*See* House, A. K.) 705
Woodruff, P. W. — (*See* Meech, P. R.) 629
Work Loads — General Surgeons, Of a Sample of, In N.S.W., by J. M. Ham and E. Gray. 441
Wound —
Closure, Axial Muscle and Myocutaneous Flaps: A Recent Concept in, by A. Holmes and I. Carlisle. 531
Infection — (*See also* Burn)
Infections, Surgical, The Impact of a New Operating Theatre Suite on, by K. J. Millar. 437
Wyld, C. — (*See* Mitchell, R. E.) 305
Wynne, J. M. — and Gough. Diagnostic Pneumoperitoneum in Traumatic Rupture of the Right Diaphragm. 473

Y

Yahaya, O. — (*See* Meah, F.) 89
Yar, S. N. -- (*See* Saw, H. S.) 241
Yeung, C. K. — (*See* Woo, K. T.) 613